Andrew McKaig
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Chesapeake VA 23322
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Employment:

1981 – 1986
Auto Collision Repair Technician
Tidewater Automotive Service Center
Norfolk VA

Responsible for:
General collision repair
Large component welding
Overall prep and refinishing.

1983 -1985
Engineering Lab Instructor
Old Dominion University
Norfolk VA

Responsible for teaching lab section of basic engineering class MET-100
Topics covered – Basic data graphing techniques, introduction to electrical logic
diagrams, soldering of refrigerant tubing and flat plate resistance welding.

1986 -1996
Engineer/ Quality Administrator
Bauer Compressors Inc.
Norfolk VA

Responsible for:
Implementation and operation of the overall quality system at Bauer Compressors Inc./
CvB assembly plant in Norfolk VA and its transition from and established Mil-I status to
ISO-9000

Supervision of the Bauer Compressors Inc, Service and Test departments.
Maintenance and programming of the warranty/ defective parts / corrective action
database system using the D-Base3 programming language.

Technical support and evaluation for all testing activities.

Design, maintenance, programming and operation of environmental testing facilities and the digital data collection during same.

Lead instructor for Service/ Technical training classes.

1996 – Present
Bauer Compressors Inc.
Research and Development Engineer

Responsible for:
Development of electro-pneumatic and pneumatic systems for controlling high-pressure gases for compressed natural gas and gas assist molding applications.

Development of programmable logic control (PLC) based systems for high-pressure gas generation, compression and dispensing systems.

Development of software for personal computers for human / machine interfaces and touch screen mechanisms to communicate with PLC based systems.

Development and maintenance of Internet based product support and software downloads sites for PLC based products manufactured by Bauer Compressors Inc.

The test and evaluation of electro-pneumatic and pneumatic design concepts for high pressure breathing air, natural gas and industrial gas operations.

Education

1981-1985
Old Dominion University
Norfolk VA

Bachelor of Science, Mechanical Engineering Technology
Specializing in systems engineering

April 1990
Catonsville Community College
Catonsville MD
Total quality Management Update

June 1994
Perry Johnson Inc.
Virginia Beach VA
Lead Assessor of Quality Systems

Personal training - ongoing
Microsoft Visual Basic 6 programming language
Assembly language programming
Visual C++ and JAVA programming language
Motorola 6800 series embedded processor programming